Sml

1922 (in part) 150

(red numbers on light gray-blue paint)

doc. 0217

Record of Geological and Palaeontological Collections.

C. E. Beecher.

Mar. 9th 1887.

System of numbering
- 1 to 9999
- a1 to a999
- b1 to b999
- c1 to c999
- etc. etc.

6 presented by Prof. Edward Orton

3586 9

~~3586~~ 9

10 See 58, 59

1 Eurypterus remipes, DeKay, 1
Waterlime group. Jerusalem Hill, Herkimer Co. N.Y.

2 Eurypterus remipes, DeKay swimming foot 2
Waterlime group. Jerusalem Hill, Herkimer Co. N.Y.

3 Eurypterus remipes DeKay youngest individual observed? 2
Waterlime group. Jerusalem Hill, Herkimer Co. N.Y.

4 Streptelasma strictum, Hall. 2
Shaly limestone Lower Helderberg group Clarksville, Albany Co. N.Y.

5 Orthoceras tenuiannulatum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, Albany Co. N.Y.

6 Leaia tricarinata, Meek & Worthen, Horizon of Brush Creek
Coal Measures Carrollton, Carroll Co. Ohio.

7 Poteriocrinus clarkii, H.S. Williams. Chemung group
Haskinsville, Steuben Co. N.Y.

8 Platyceras? new species
Schoharie grit. Clarksville Albany. Co. N.Y.

9 Cypricardinia concentrica, Hall. Shaly limestone (2)
Lower Helderberg group. Clarksville, N.Y.

10 Platyceras n. sp. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

11 Avicula schoharie, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

12 Modiomorpha subalata, Conrad.
Hamilton group. Hamburgh Erie Co. N.Y.

13 Tentaculites elongatus, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

14 Atrypa reticularis, L. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

24 not Avicula securiformis Hall, Coralline limestone

15 Slab with Spirifera cyclopteta, Hall and Rhynchonella nucleolata, Hall.
Lower Helderberg group. Clarksville, N.Y.

16 Schizodus? fissa, Hall.
Schoharie grit Clarksville, N.Y.

17 Platyceras n. sp.
Lower Helderberg group. Jerusalem Hill, Herkimer Co. N.Y.

18 Pholidops ovata, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

19 Chonetes n. sp. Shaly limestone
Lower Helderberg group. Clarksville N.Y.

20 Tropidocaris alternata Beecher.
Waverly group. Warren Pennsylvania,

21 Strophodonta punctulifera, Conrad. (interior of ventral valve)
Shaly limestone, Lower Helderberg group. Clarksville, N.Y.

22 Platyceras n. sp.
Lower Helderberg group. Hudson (Bicrafts Mt.) N.Y.

23 Dalmanites pleuropteryx, Green Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

24 Avicula securiformis, Hall (right valve) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

25 Receptaculites infundibuliformis Eaton, Shaly limestone
Lower Helderberg group. Clarksville N.Y.

26 Eurypterus remipes, DeKay Waterlime group.
Jerusalem Hill, Herkimer Co. N.Y.

27 Modiomorpha mytiloides, Conrad.
Hamilton group. Pratt's Falls. Onondaga Co. N.Y.

28 Strophodonta headleyana, Hall. Shaly limestone
Lower Helderberg group Clarksville, N.Y.

33 Interior showing muscular impressions, hinge etc

34 Typical. Illustrated in Pal. N.Y. Vol. VII, pl fig.

38 The specimen shows the two layers of the test, and also the minute structure of the outer layer, which seems to preserve the original colored markings of the shell

40 This specimen preserves portions of the head, thorax and pygidium and a very perfect hypostoma

29 Modiomorpha mytiloides and Orthoceras crotatum, Hall.
Hamilton group. Pratt's Falls, N.Y.

30 Orthoceras subulatum, Hall.
Hamilton group. Pratt's Falls, Onondaga Co. N.Y.

31 Siphuncle of Cyrtoceras subrectum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

32 Strophodonta leavenworthiana, Hall Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

33 Strophodonta leavenworthiana, Hall, Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

34 Proetus rowii, Green
Hamilton group. Hamburgh, New York.

35 Phacops rana, Green. (two specimens together)
Hamilton group. Hamburgh Erie Co., N.Y.

36 Leperditia alta, Conrad. Tentaculite limestone
Lower Helderberg group. Jerusalem Hill, Herkimer Co., N.Y.

37 Orthoceras perstriatum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

38 Orthoceras n. sp? cut and polished to show siphuncle.
Hudson river group, from the Drift at Ann Arbor Michigan

39 Lichas (pygidium and counterpart) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

40 Lichas Shaly limestone
Lower Helderberg group Clarksville, N.Y.

41 Orthis varica, Conrad. Shaly limestone (26)
Lower Helderberg group. Clarksville, N.Y.

42 Strophodonta leavenworthiana, Hall. Shaly limestone
Lower Helderberg group. Indian Ladder, N.Y.

G. triangularis

43 Strophodonta leavenworthiana, Hall (interior) Shaly limestone
Lower Helderberg group. Indian Ladder N.Y.

44 Strophodonta leavenworthiana, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

45 Strophodonta varistriata, Conrad,
Lower Helderberg group. Jerusalem, Hill, N.Y.

46 Streptorhynchus woolworthianus, Hall.
Lower Helderberg group. Clarksville, N.Y.

47 Leptocoelia imbricata, Hall. (12)
Lower Helderberg group. Clarksville, N.Y.

48 Microdon bellistriatus, Conrad.
Hamilton group. 18 Mile creek, Erie Co, N.Y.

49 Goniatites ~~discordens~~ angularis, Hall. (Showing outline of aperture)
Hamilton group. Hamburgh, N.Y.

50 Spirifera fimbriata, Conrad.
Hamilton group. Hamburgh, N.Y.

51 Orthoceras aegea, Hall.
Hamilton group. Hamburgh N.Y.

52 Grammysia arcuata, Conrad.
Hamilton group. Hamburgh. N.Y.

53 Modiomorpha subalata, Conrad,
Hamilton group. 18 Mile creek, N.Y.

54 Etonia medialis, Vanuxem. Shaly limestone (8
Lower Helderberg group. Clarksville, N.Y.

55 Platyceras platystomaaa. alveata, Hall. Shaly limestone (2
Lower Helderberg group. Clarksville, N.Y.

56 Platyceras platystoma, Hall. Shaly limestone (8
Lower Helderberg group. Clarksville, N.Y.

5-8, 5-9, See no. 10.

62 interiors of valves

69 ~~Cast of the~~ interior

57 Platyceras calantica, Hall. Shaly limestone (2)
Lower Helderberg group. Clarksville, N.Y.

58 Platyceras n. sp. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

59 Platyceras n. sp. Shaly limestone
Lower Helderberg group. Clarksville, N.Y. (6)

60 Anastrophia verneuili, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

61 Anastrophia verneuili H. (a finely plicate specimen) Shaly lime (1)
Lower Helderberg group. Clarksville, N.Y.

62 Anastrophia verneuili, Hall, (interior) Shaly limestone (4)
Lower Helderberg group. Clarksville, N.Y.

63 Strophodonta punctulifera, Conrad Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

64 Strophodonta punctulifera Conrad, Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

65 Strophodonta punctulifera, Conrad. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

66 Strophodonta varistriata, mr. arata, Hall. and Strophodonta punctulifera, Con.
Shaly limestone, Lower Helderberg group. Clarksville, N.Y.

67 Strophodonta plamulata, Hall
Lower Helderberg group. Jerusalem Hill, N.Y.

68 Strophodonta plamulata, Hall
Lower Helderberg group. Jerusalem Hill, N.Y.

69 Streptorhynchus ~~sabatus, Vanuxem~~ woolworthianus, Hall (interior) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

70 Atrypa reticularis, Linn. Shaly limestone (16)
Lower Helderberg group Clarksville, N.Y.

78 fragment showing hinge & deltidium.

81 = P. bucculentum? Hall, Pal. N.Y. Vol. V, pt. ii
plate 3, fig. 7.

71 Cyclospira concava, Hall, Shaly limestone (18
Lower Helderberg group. Clarksville, N.Y.

72 Dalmanites pleuropteryx Green (head) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

73 Dalmanites pleuropteryx, Green (Head) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

74 Dalmanites pleuropteryx, Green (head) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

75 Dalmanites pleuropteryx, Green (head) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

76 Dalmanites pleuropteryx, Green (head) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

77 Dalmanites pleuropteryx, Green (glabella) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

78 Strophodonta punctulifera, Conrad. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

79 Cyrtolites (Cyrtonella) pileolus, Hall.
Hamilton group. Pratt's Falls, Onondaga Co. N.Y.

80 Platyceras symmetricum? Hall. 2
Hamilton group. Hamburgh, N.Y.

81 Platyceras n. sps.
Hamilton group. Hamburgh. Erie Co. N.Y.

82 Platyceras thetis, Hall.
Hamilton group. Hamburgh, N.Y.

83 Platyceras attenuatum, Hall. 4
Hamilton group. Hamburgh. N.Y.

84 Platyceras carinatum, Hall.
Hamilton group. 18 Mile Creek, N.Y.

89 A turbinata variety.

85 Pleurotomaria capillaria, Conrad.
Hamilton group. 18 Mile creek, N.Y.

86 Pleurotomaria capillaria, Conrad.
Hamilton group. 18 Mile Creek. N.Y.

87 Platyostoma turbinatum, Hall.
Upper Helderberg group. Onondaga county, N.Y.

88 Platyostoma lineatum, Conrad.
Upper Helderberg group Onondaga County, N.Y.

89 Platyostoma lineatum, Conrad. (2)
Upper Helderberg group. Onondaga Co., N.Y.

90 Pleurotomaria lucina, Hall (2)
Hamilton group. 18 Mile Creek. N.Y.

91 Murchisonia sp.
Waverly group. Warren Pennsylvania.

92 Bellerophon patulus, Hall. (showing the callosity)
Hamilton group. Pratts Falls, N.Y.

93 Bellerophon brevilineatus, Conrad.
Hamilton group. 18 Mile Creek, N.Y.

94 Leperditia sp.
Hamilton group. 18 Mile Creek, N.Y.

95 Pleurotomaria sulcomarginata, Conrad. (10)
Hamilton group Pratts Falls N.Y.

96 Terebratula lincklaeni, Hall.
Hamilton group. Hamburgh, N.Y.

97 Loxonema hamiltoniae, Hall (6)
Hamilton group. Pratts Falls N.Y.

98 Platyostoma depressum. Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

108 Compare with Platyceras clavatum Hall.

99 **Bucharia** n. sp. (Helderbergiæ) Shaly limestone (3)
Lower Helderberg group. Clarksville, N.Y.

100 Strophostylus elegans, Hall. Shaly limestone (4)
Lower Helderberg group Clarksville, N.Y.

101 Murchisonia ? sp. (casts) Shaly limestone (2)
Lower Helderberg group Indian Ladder, Albany Co. N.Y.

102 Murchisonia sp. (Cast) Shaly limestone
Lower Helderberg group. Indian Ladder, N.Y.

103 interior of Murchisonia bilirata Hall. Shaly limestone (2)
Lower Helderberg group. Clarksville, N.Y.

104 Murchisonia bilirata, Hall Shaly limestone (3)
Lower Helderberg group. Clarksville, N.Y.

105 Loxonema attenuatum, Hall Shaly limestone
Lower Helderberg group Clarksville, N.Y.

106 Platyceras n. sp. (imporcatum Beecher) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

107 Platyceras n. sp. Upper Pentamerus limestone
Lower Helderberg group. Clarksville, N.Y.

108 Platyceras n. sp. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

109 Platyceras n. sp. (involutum Beecher) Shaly limestone (5)
Lower Helderberg group Clarksville, N.Y.

110 Platyceras perlatum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

111 Young individuals of Platyceras Shaly limestone (7)
Lower Helderberg group Clarksville, N.Y.

112 Platyceras tenuiliratum, Hall Shaly limestone (4)
Lower Helderberg group. Clarksville, N.Y.

119 One specimen is incrusted by Paleschara incrustans

126 Compare with 125 P. lamellosum.

113 Atrypa reticularis, Linn (interiors) Shaly limestone (7)
Lower Helderberg group. Clarksville, N.Y.

114 Platyceras obesum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

115 Platyceras spirale Hall Shaly limestone (2)
Lower Helderberg group. Clarksville, N.Y.

116 Platyceras robustum, Hall. Shaly limestone (8)
Lower Helderberg group. Clarksville, N.Y.

117 Platyceras retrorsum? Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

118 Platyceras platystoma Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

119 Platyceras ventricosum, Conrad Shaly limestone (3)
Lower Helderberg group. Clarksville, N.Y.

120 Platyceras multisinuatum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

121 Platyceras unguiforme, Hall Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

122 Platyceras curvirostrum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

123 Platyceras unguiforme, Hall.
Lower Helderberg group. Jerusalem Hill, N.Y.

124 Platyceras bisulcatum, Hall Shaly limestone (4)
Lower Helderberg group. Clarksville, N.Y.

125 Platyceras lamellosum, Hall. Shaly limestone (5)
Lower Helderberg group. Clarksville N.Y.

126 Platyceras n. sp. Shaly limestone
Lower Helderberg group. Clarksville N.Y.

139 two pairs of occipital horns interlocking—
a fine specimen. (male and female)
140 two pairs of horns,

127 Platyceras gibbosum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

128 Platyceras incile, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

129 Platyceras pileiforme, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

130 Mariacrinus pachydactylus Conrad
Lower. Helderberg group. Jerusalem Hill, N.Y. (8)

131 Atrypa impressa, Hall.
Schoharie grit Clarksville, N.Y.

132 Dalmanites cancinnus, Hall.
Schoharie grit Clarksville N.Y.

133 Lepadocrinus Gebhardi, Conrad.
Lower Helderberg group. Jerusalem Hill, N.Y.

134 Homocrinus scoparius, Hall.
Lower Helderberg group Jerusalem Hill, N.Y.

135 Homocrinus scoparius, Hall, (3)
Lower Helderberg group. Jerusalem Hill, N.Y.

136 Homocrinus scoparius, Hall,
Lower Helderberg group. Jerusalem Hill, N.Y.

137 Nucleites oblongatus, Conrad,
Hamilton group. Pratt's Falls. New York.

138 Pentamerus galeatus, Dalman. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

139 Acidaspis hamata, Conrad. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

140 Acidaspis hamata, Conrad. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

142 Occipital spines and segments of thorax.

146 Dorsal & ventral valves.

153 Presented by John Gebhard.

141 Acidaspis hamata, Conrad Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

142 Acidaspis hamata, Conrad Shaly limestone
Lower Helderberg group Clarksville, N.Y.

143 Acidaspis hamata, Conrad. Shaly limestone
Lower Helderberg group. Clarksville N.Y.

144 Orthoceras marcellense, Vanuxem.
Hamilton group, lower beds, Hamburgh, N.Y.

145 Pentamerus galeatus, Dalman. Lower Pentamerus
Lower Helderberg group. Indian Ladder N.Y.

146 Discina discus Hall attached to Stophodonta becki, Hall.
Shaly limestone, Lower Helderberg group. Clarksville.

147 Discina discus, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

148 Goniophora hamiltonensis, Hall.
Hamilton group. 8 Kaneatates Lake, N.Y.

149 Palaeoneilo tenuistriata Hall,
Hamilton group. 18 Mile creek N.Y.

150 Palaeneilo tenuistriata, Hall.
Hamilton group, Pratt's Falls. N.Y.

151 Aviculopecten scabridus. Hall. (right valve)
Hamilton grup. Pratt's Falls. N.Y.

152 Modiomorpha mytiloides Conrad.
Hamilton grup. Pratt's Falls. N.Y.

153 Gyroceras undulatum, Vanuxem.
Upper Helderberg group. Schoharie, N.Y.

154 Tentaculites elongatus, Hall. Shaly limestone
Lower Helderberg group. Clarksville N.Y.

155 Presented by Mrs. E. B. Knapp.

157 Preserving both valves and hinge ligament

160

160 Presented by Mrs. E. B. Knapp.

161 Presented by Mrs. M. A. B. Kelly.

163 Typical specimen figured in Pal. N.Y. Vol pl. fig.

165 Type figured in Pal. N.Y. Vol VII pl. 114 figs. 21–27

167 Slab with three specimens.

155 Grammysia obsoleta, Hall,
Hamilton group. Shore of Skaneateles Lake N.Y.

156 Grammysia arcuata, Conrad, (4)
Hamilton group. Pratt's Falls. N.Y.

157 Grammysia bisulcata, Conrad
Hamilton group. Pratt's Falls. N.Y.

158 Grammysia bisulcata, Conrad.
Hamilton group. Pratt's Falls. N.Y.

159 Grammysia bisulcata, Conrad
Hamilton group. Pratt's Falls. New York.

160 Grammysia bisulcata, Conrad,
Hamilton group. Vesper, Onondaga Co. N.Y.

161 Grammysia undocostata, Hall,
Hamilton group. Madison county, N.Y.

162 Grammysia subarcuata, Hall.
Chemung group. Cortland N.Y.

163 Tentaculites gyracanthus, Eaton
Lower Helderberg group. Jerusalem Hill, N.Y.

164 Tentaculites gyracanthus, Eaton
Lower Helderberg group. Jerusalem Hill, N.Y.

165 Hyolithes ~~n. sp.~~ heros, Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

166 Hyolithes n. sp. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

167 Conularia pyramidalis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

168 Conularia pyramidalis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

171 Young specimen growing on Orthis varica, Con.

172 Succession budding.

173 Natural mould of cup.

174 Two specimens accidentally attached at their larger ends

178 Natural sections

179 Artificial section

169 Conularia pyramidalis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

170 Streptelasma strictum. Hall Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

171 Streptelasma strictum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

172 Streptelasma strictum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

173 Streptelasma strictum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

174 Streptelasma strictum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

175 Astylospongia inornata, Hall. Shaly limestone
Lower Helderberg group. Clarksville N.Y.

176 Astylospongia inornata, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

177 Astylospongia inornata? Hall. (cyathiform specimen)
Shaly limestone, Lower Helderberg group. Clarksville, N.Y.

178 Astylospongia inornata, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

179 Astylospongia inornata, Hall Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

180 Platyceras sp. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

181 Duncanella n. sp. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

182 Eatonia singularis, Vanuxem. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

187 Cut and polished

188 Cut and polished

183 Pentamerus galeatus, Dalman Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

184 Orthis varica, Conrad Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

185 Slab of Shaly limestone with Pentamerus galeatus etc
Lower Helderberg group. Clarksville, N.Y.

186 Zaphrentis halli, Edwards & Haime
Hamilton group. "Stag Horn" Point Skaneateles Lake, N.Y.

187 Zaphrentis halli, Edwards and Haime
Hamilton group. "Stag Horn" Point Skaneateles Lake N.Y.

188 Favosites Helderbergiae, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

189 Strophomena rhomboidalis, Wilckens. Shaly limestone
Lower Helderberg group. Becraft's Mountain, Hudson, N.Y.

190 Spirifera macropleura, Conrad, Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

191 Rhynchonella ventricosa Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

192 Dalmanites boothi, Green
Hamilton group. Hamburgh, N.Y.

193 Phacops rana, Green
Hamilton group. Hamburgh N.Y.

194 Microdon bellistriatus Conrad,
Hamilton group. Shore of Skaneateles Lake, N.Y.

195 Strophodonta becki, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

196 Phacops rana, Green.
Hamilton group. 18-Mile Creek, N.Y.

198 Young individual

199 Largest individual yet observed:

204 Internal mould.

205 Slab with five individuals.

206 Interior of ventral valve

207 Interior of dorsal valve.

210 Interior of dorsal valve

197 Phacops rana, Green
Hamilton group. 18-Mile creek, N. Y.

198 Phacops rana, Green
Hamilton group. 18-Mile Creek, N. Y.

199 Spirifera macropleura, Conrad, Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

200 Spirifera macropleura, Conrad Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

201 Eatonia peculiaris, Conrad. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

202 Avicula textilis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

203 Eatonia singularis, Vanuxem. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

204 Eatonia singularis, Vanuxem. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

205 Anomalocystites cornutus, Hall. Shaly limestone
Lower Helderberg group. Jerusalem Hill, N.Y.

206 Strophomena rhomboidalis, Wilckens Shale limestone
Lower Helderberg group. Hudson, N.Y.

207 Strophomena rhomboidalis, Wilckens. Shaly limestone
Lower Helderberg group. Hudson N.Y.

208 Strophomena rhomboidalis, Wilckens Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

209 Strophomena rhomboidalis Wilck with Spirarbis n. sp.
Shaly limestone, Lower Helderberg group. Clarksville N.Y.

210 Strophomena rhomboidalis Wilckens. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

211 Showing interior of dorsal valve in a small individual

215 Showing summit

216 Longitudinal section showing visceral cavity.

217 Showing bases of arms

219 Interiors.

220 Showing Spires.

211 Strophomena rhomboidalis, Wilckens Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

212 Strophomena rhomboidalis, Wilckens Shaly limestone
Lower Helderberg group. Clarksville N.Y.

213 Strophodonta punctulifera, Conrad. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

214 Edriocrinus pocilliformis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

215 Edriocrinus pocilliformis, Hall, Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

216 Edriocrinus pocilliformis, Hall. Shaly limestone
Lower Helderberg group. Clarksville N.Y.

217 Edriocrinus pocilliformis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

218 Spirifera perlamellosa, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

219 Spirifera perlamellosa, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

220 Nucleospira concentrica, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

221 Homocrinus scoparius, Hall, (Showing proboscis)
Lower Helderberg group. Jerusalem Hill, N.Y.

222 Dalmanites pleuropteryx, Green. (pygidium) Shaly limestone
Lower Helderberg group. Clarksville N.Y.

223 Dalmanites pleuropteryx, Green (pygidium) Shaly limestone
Lower Helderberg group. Clarksville N.Y.

224 Dalmanites pleuropteryx, Green (pygidium) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

225 Small pyxidia

230 Small hyppuloma

233 Entire individual showing under side of cephalum with the parts in place.

234 Series showing variations in form of the corallum calyx

235 Series showing variations in external form.

236 Showing structure of corallum.

237 Specimen modified by growing against a Fenestella

238 Specimen with triangular Calyx.

225 Dalmanites pleuropteryx, Green (pygidia) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

226 Dalmanites pleuropteryx, Green (interior of pygidia) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

227 Dalmanites pleuropteryx, Green (doublure of cephalon) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

228 Dalmanites pleuropteryx, Green. (hypostoma) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

229 Dalmanites pleuropteryx, Green. (hypostomas) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

230 Dalmanites pleuropteryx, Green Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

231 Platystoma lineatum, Conrad
Hamilton group. 8 Mile Creek, N.Y.

232 Platystoma lineatum, Conrad
Hamilton group. Hamburgh, N.Y.

233 Eurypterus remipes, DeKay.
Waterlime group. Jerusalem Hill, N.Y.

234 Zaphrentis roemeri, Edwards and Haime. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

235 Zaphrentis roemeri, Edwards and Haime Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

236 Zaphrentis roemeri, Edwards and Haime, Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

237 Zaphrentis roemeri, Edwards and Haime. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

238 Zaphrentis roemeri, Edwards and Haime. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

239 With three incrusting specimens of ? —

243, Bicrafts Mountain

248 Specimen shewing interior processes

250 interiors of dorsal & ventral valves.

252 Compare with D. discus.

239	Zaphrentis roemeri, Edwards and Haime, Lower Helderberg group.	Shaly limestone Clarksville, N.Y.
240	Bellerophon n. sp. Lower Helderberg group.	Shaly limestone Clarksville, N.Y.
241	Cyrtina dalmani, Hall. Lower Helderberg group.	Shaly limestone Clarksville, N.Y.
242	Favosites n. sp. Lower Helderberg group.	Shaly limestone Clarksville, N.Y.
243	Striatopora issa, Hall. Lower Helderberg group.	Shaly limestone Becraft's Mtn, Hudson, N.Y.
244	Phacops rana, Green Hamilton group.	(2 spec 1 enrolled on slab) 18 Mile Creek N.Y.
245	Phacops rana Green Hamilton group.	(enrolled) 18 Mile Creek, N.Y.
246	Phacops rana, Green Hamilton group.	(enrolled) 18 Mile Creek, N.Y.
247	Phacops rana, Green Hamilton group.	(enrolled) 18 Mile Creek, N.Y.
248	Pentamerus galeatus, Dalman Lower Helderberg group.	Shaly limestone Clarksville, N.Y.
249	Leptaena concava, Hall. Lower Helderberg group.	Shaly limestone Clarksville, N.Y.
250	Leptaena concava Hall Lower Helderberg group.	Shaly limestone Clarksville, N.Y.
251	Retzia formosa, Hall. Lower Helderberg group.	Shaly limestone Clarksville, N.Y.
252	Discina ? sp.? Lower Helderberg group.	Shaly limestone Clarksville, N.Y.

255 this name is preoccupied

256 left cheek spine restored

257 left cheek spine restored

258 A superb head, 5" X 5 1/2 inches.

259 frontal process,

260

261 Pygidium with terminal spine.

262

263

264

265

266 in part R. communis Hall,

253 Lingula spathata, Hall. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

254 Lingula perlata, Hall — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

255 Lingula rectilatera, Hall — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

256 Dalmanites — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

257 Dalmanites — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

258 Dalmanites tridens, Hall. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

259 Dalmanites — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

260 Acidaspis hamata, Conrad — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

261 Dalmanites — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

262 Dexiobia? n. sp. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

263 Grammysia n. sp. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

264 Chonetes n. sp. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

265 Avicula communis Hall. — Shaly limestone
Lower Helderberg group. — Clarksville N.Y.

266 Avicula n. sp. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

267 in part A. communis H.

269 Slab.

270 A natural mould of the cells as in Pleurodictyum

275 A natural mould as in 270.

276 Large hyposstoma

278 long, narrow, gibbous form.

279 broad form

280 long, narrow, depressed form

267 Avicula n. sp. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

268 Avicula textilis Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

269 [a]Grammysia bisulcata[b]m. Gonophora hamiltonensis H. [c]Nucleocrypta mytiloides
[d]Actinopteria boydi, con. Hamilton group. Pratts Falls. N.Y.

270 Michelinia lenticularis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

271 Michelinia lenticularis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

272 Tentaculites gyracanthus, Eaton. Tentaculite limestone
Lower Helderberg group. Clarksville, N.Y.

273 Cimitaria recurva, Conrad.
Hamilton group. Pratt's Falls. Onondaga Co. N.Y.

274 Favosites conicus, H Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

275 Favosites conicus, H. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

276 Lichas Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

277 Mytilarca cordiformis, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

278 Mytilarca cordiformis, Hall. Shaly limestone
Lower Helderberg group Clarksville, N.Y.

279 Mytilarca cordiformis, Hall var. Shaly limestone
Lower Helderberg group Clarksville, N.Y.

280 Mytilarca cordiformis H. var. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

284 plaster cast

281 Mytilarca mytilimeras, Conrad — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

282 Megambonia obscura, H. — Shaly limestone
Lower Helderberg group — Clarksville, N.Y.

283 Mytilarca cordiformis, Hall. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

284 Gomphoceras impar, Hall,
Corniferous limestone — Columbus, Ohio,

285 Receptaculites infundibuliformis, Eaton — Shaly limestone
Lower Helderberg group — Clarksville, N.Y.

286 Receptaculites infundibuliformis, Eaton — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

287 Receptaculites infundibuliformis, Ed. — Upper Pentamerus
Lower Helderberg group. — Clarksville, N.Y.

288 Orthoceras longicameratum, Hall. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

289 Dalmanites anchiops, Green (pygidium)
Schoharie grit. — Clarksville, N.Y.

290 Receptaculites infundibuliformis, Eaton, — Shaly limestone
Lower Helderberg group — Clarksville, N.Y.

291 Modiomorpha concentrica, Conrad.
Hamilton group. Shore of Skaneateles lake N.Y.

292 Modiomorpha concentrica Conrad, (Shorey talk &c)
Hamilton group. Shore of Skaneateles Lake N.Y.

293 Orthoceras ne sp. — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

294 Orthoceras rudis, H — Shaly limestone
Lower Helderberg group. — Clarksville, N.Y.

300 Cast from the original specimen in the museum of Rutger's College New Brunswick, N.J.

YPM 33545

295 Arthroceras longicameratum, H. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

296 Arthroceras longicameratum, H. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

297 Arthroceras rude. H, Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

298 Arthroceras rude, H. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

299 Favosites Helderbergiae, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

300 Stylonurus excelsior, Hall. (head)
Catskill red-sandstone, Andes Delaware Co., N.Y.

301 Favosites helderbergiae, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

302 Lepadocrinus gebhardi, Conrad.
Lower Helderberg group. Jerusalem Hill, Herkimer Co. N.Y.

303 Homalonotus delkayi, Green
Hamilton group. 18 Mile creek, N.Y.

304 Proetus rowii, Green
Hamilton group. Hamburgh-on the Lake. N.Y.

305 Arthroceras exile, Hall.
Hamilton group. Shore of Skaneateles Lake, N.Y.

306 Pentamerus galeatus, Dal. Lower Pentamerus limestone
Lower Helderberg group. Cedarville, N.Y.

307 Batryllopora socialis, Nicholson
Hamilton group. 18 Mile Creek, N.Y.

308 Ceramopora maculata, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

310 Plaster cast of the original.

311 313 etc. in exchange for Adontomelus vol.
from Emmett Brown Belfast, N.Y.

315 from J. Gebhard.

318 Presented by John Gebhard.

321 Stenochisma

309 Ceramopora parvicella H. on Edrinia medialis, Vanux
Shaly limestone, Lower Helderberg group. Clarksville, N.Y.

310 Gomphoceras mitra, Hall.
Corniferous limestone Lexington, Scott Co. Indiana

311 Aviculopecten duplicatus, Hall
Chemung group. Belfast, Allegany Co., N.Y.

312 Orthis impressa, Hall.
Chemung group. Belfast, Allegany Co. N.Y.

313 Grammysia communis, Hall
Chemung group. Belfast, Allegany Co., N.Y.

314 Merista sulcata, Vanuxem.
Waterlime group. Jerusalem Hill, N.Y.

315 Rhynchonella semiplicata, Conrad Lower Pentamerus limestone
Lower Helderberg group. Schoharie, N.Y.

316 Spirifera mesocostalis, Hall.
Chemung group. Belfast, Allegany Co. N.Y.

317 Centronella n. sp.
Chemung group. Belfast, Allegany Co. N.Y.

318 Pentamerus pseudo-galeatus, H. Upper Pentamerus lime.
Lower Helderberg group. Schoharie, N.Y.

319 Stenochisma thetys, Billings.
Chemung group. Belfast, N.Y.

320 Athyris angelica, Hall
Chemung group. Belfast, Allegany Co. N.Y.

321 Rhynchonella n. sp.
Chemung group. Belfast, N.Y.

322 Callopora perelegans, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

325 from J. Gebhard

326 5 pygidia

323 Ptilodictya tenuis Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

324 Brachiocrinus nodosarius, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

325 Spirifera vanuxemi. Hall. Pentaculite limestone
Lower Helderberg group. Schoharie, N.Y.

326 Dalmanites pleuropteryx, Green. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

327 Streptorhynchus radiatus, Vanuxem. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

328 Strophodonta punctulifera, Conrad. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

329 Strophodonta becki, Hall.
Lower Helderberg group. Cedarville, N.Y.

330 Strophodonta becki, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

331 Strophodonta becki, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

332 Strophomena conradi, Hall.
Lower Helderberg group. Cedarville, N.Y.

333 Strophomena conradi, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

334 Strophodonta varistriata, Conrad.
Lower Helderberg group. Jerusalem Hill, N.Y.

335 Strophodonta varistriata, Conrad. Pentulla limestone
Lower Helderberg group. Clarksville, N.Y.

336 Strophodonta varistriata, var. arata, Hall.
Lower Helderberg group. Cedarville, N.Y.

343 A large glabella with the occipital spines preserving the test nearly entire

344 Cast of the original in Cornell University Coll.

345 Specimen with three successive calycinal buds.

337 Strophodonta plamulata, Hall.
Lower Helderberg group. Cedarville, N. Y.

338 Streptorhynchus woolworthianus, Hall.
Lower Helderberg group. Cedarville, N.Y.

339 Streptorhynchus woolworthianus, Hall, Shaly limestone
Lower Helderberg group. Clarksville N.Y.

340 Acidaspis lamata, Conrad (segment spines) Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

341 Strophodonta
Lower Helderberg group. Clarksville N.Y.

342 Choretes n. sp.
Lower Helderberg group. Cedarville, Herkimer Co. N.Y.

343 Acidaspis lamata, Conrad. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

344 Eurypterus prominens, Hall.
Clinton group.? Cayuga Co.? New York.

345 Streptelasma strictum Hall. Shaly limestone
Lower Helderberg group. Clarksville N.Y.

346 Orthis ~~tulata~~ plana var. hystricula, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

347 Orthis perelegans, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

348 Orthis oblata, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

349 Orthis subcarinata, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

350 Merista princeps, Hall. Shaly limestone
Lower Helderberg group. Becrafts Mt. Hudson, N.Y.

35-2, 36-3, 35-4 are on one slab.

segment and pygidium.

hypostoma, glabella, segment and free cheek.

free cheeks

Glabellæ

Pygidia

(1st Pygidium (2d) glabella.

351 Rensselaeria mutabilis Hall. Upper Shell limestone
Lower Helderberg group. Becraft's Mt. Hudson, N.Y.

352 Grammysia bisulcata Conrad
Hamilton group. Pratt's Falls, N.Y.

353 Modiomorpha mytiloides, Conrad
Hamilton group. Pratt's Falls. N.Y.

354 Modiomorpha concentrica, Conrad,
Hamilton group. Pratt's Falls. N.Y.

355 Tentaculites gyracanthus, Eaton. Tentaculite limestone
Lower Helderberg group. Clarksville, N.Y.

356 Tentaculites gyracanthus, Eaton. Tentaculite limestone
Lower Helderberg group. Clarksville, N.Y.

357 Spirifera varuxemi, Hall. Tentaculite limestone
Lower Helderberg group. Clarksville, N.Y.

358 Cyrtoceras n. sp. Shaly limestone
Lower Helderberg group. Clarksville N.Y.

359 Acidaspis tuberculata, Con. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

360 Acidaspis tuberculata, Con. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

361 Acidaspis tuberculata, Con. Shaly limestone
Lower Helderberg group Clarksville N.Y.

362 Acidaspis tuberculata, Con. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

363 Acidaspis tuberculata, Con. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

364 Acidaspis tuberculata Con. and Acidaspis hamata, Con. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

372 Distorted specimens in sandstone.

373 Segments of the siphuncle showing the organic deposit partially filling the air chambers.

375 Impression of the type specimen in the rock.

376, 377 on one slab.

365 Bilobite
Chemung group. Warren Pa.

366 Bilobite
Chemung group. Warren Pa

367 Bilobite
Chemung group. Warren Pa

368 Bilobite
Chemung group. Warren Pa.

369 Bilobite
Chemung group. Warren. Pa.

370 Ptychopteria beecheri, Hall.
Chemung group Warren, Pa.

371 Ptychopteria thalia, Hall.
Chemung group. Allegheny Springs. Warren Co. Pa.

372 Spirifera verneuili, Murchison.
Chemung group. Warren, Pa.

373 Cyrtoceras subrectum, Hall. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

374 Spirophyton cauda-galli, Vanuxem.
Cauda-galli grit. S.E. of Cedarville, Herkimer Co. N.Y.

375 Aviculopecten aequilateralis, Hall.
Chemung group. Allegheny Springs. Warren Co. Pa. ~~N.Y.~~

376 Ptychopteria falcata, Hall.
Chemung group. Allegheny Springs, Warren Co. Pa. ~~N.Y.~~

377 Ptychopteria thalia, Hall.
Chemung group. Allegheny Springs Warren Co. Pa

378 Trails of Annelids.
Chemung group. Warren, Pa.

Spiris.

Modiola (Mytilops) metella. H.

379 Trail of an Annelid.
Chemung group. Warren, Pa.

380 Ichthyodorulite ?
Clinton group. Jerusalem Hill, Herkimer Co. N.Y.

381 Bilobite
Clinton group. Jerusalem Hill, Herkimer Co. N.Y.

382 Holopea subconica, Hall.
Lower Helderberg group. Outlet of S Kanadeles lake, N.Y.

383 Paracyclas elevata, Hall.
Chemung group. Warren, Pa.

384 Palaeoneilo elongata, Hall.
Chemung group. Warren, Pa.

385 Spirifera vernueli. Murch. (Spines)
Chemung group. Warren. Pa.

386 Mytilops metella, Hall.
Chemung group. Garland. Pa.

387 Sphenotus contractus, Hall.
Chemung group. Warren, Pa.

388 Streptorhynchus chemungensis var arctostriatus, Hall.
Chemung group. Warren, Pa.

389 Ptychopteria perlata, Hall.
Chemung group. Warren Pa.

390 Ptychopteria lobata, Hall.
Chemung group. Warren, Pa.

391 Ptychopteria sinuosa, Hall.
Chemung group. Warren Pa.

392 Trail of a crustacean
Chemung group. Warren, Pa.

393 Heads.

Impressions

396 preserving the anterior end.

397 entire fusiform body.

398 Weathered section showing indications of internal structure

400 impressions preserving portions of the crust

401 preserving the posterior spiniform termination

403, 404 on one slab.

405 right valves.

395 - 400 went to N.Y. Botanical Garden, then back to Paleobotany (YPM), then to IP(YPM), & then to VP(YPM) - spiral egg cases of horn sharks

393 Dalmanites pleuropteryx Green. Shaly limestone
Lower Helderberg group. Clarksville, N.Y.

394 Grammysia communis, Hall.
Chemung group. Warren county, Pa.

395 Spiraxis randalli, Newberry
Chemung group, Warren Pa.

396 Spiraxis randalli, Newberry
Chemung group. Warren Pa

397 Spiraxis randalli, Newberry
Chemung group. Warren, Pa.

398 Spiraxis randalli, Newberry
Chemung group. Warren, Pa

399 Spiraxis randalli, Newberry
Chemung group. Warren, Pa.

400 Spiraxis randalli, Newberry
Chemung group. Warren Pa

401 Spiraxis randalli, Newberry.
Chemung group. Warren, Pa

402 Spiraxis randalli, Newberry.
Chemung group. Warren, Pa.

403 Ptychopteria falcata, Hall.
Chemung group. Allegheny Springs, Warren Co., Pa.

404 Ptychopteria lobata, Hall,
Chemung group. Allegheny Springs, Warren Co., Pa.

405 Ptychopteria falcata, Hall.
Chemung group. Allegheny Springs, Warren Co., Pa.

406 Ptychopteria falcata, Hall
Chemung group. Allegheny Springs. Warren Co., Pa.

407 See Pal. N. Y. Vol. V. pt. ii, p. 337.

407 Gomphoceras fischeri, Hall. Hamilton group.
In the Glacial drift at Ann Arbor, Michigan.

408 Myalina swallovi, Mc Chesney.
Upper Coal Measures. Turners, Wyandotte Co. Kansas.

409 Pterophactula ~~bgoriclens~~, Morton.
Upper Coal Measures. Kansas City, Missouri.

410 Conularia crustula, White.
Upper Coal Measures. Kansas City, Missouri.

411 Rhombopora lepidodendroides, Meek.
Upper Coal Measures, Rosedale Coal Mine, Wyandotte Co. Kansas.

412 Chonetes verneuiliana, Norwood and Pratten
Upper Coal Measures, Kansas City, Missouri

413 Chonetes granulifera, Owen
Coal Measures. Lexington, Misso

414 Naticopsis altonensis, Mc Chesney
Upper Coal Measures. Kansas City, Missouri

415 Orthyris subtilita, Hall.
Upper Coal Measures, Kansas City, Missouri

416 Bellerophon carbonarius, Cox.
Upper Coal Measures, Rock Creek Jefferson Co. Kansas.

417 Phillipsia major, Shumard.
Upper Coal Measures, Kansas City, Missouri.

418 Euomphalus, sub- rugosus, Meek and Worthen.
Upper Coal Measures. Kansas City, Missouri

419

420